ABSTRACT OF THE DISCLOSURE

Information, such as ticket information is encoded, for transmission of the encoded information to a device that candisplay the encoded information as visible alphanumeric characters. Original information is converted into a binary format then separated into x bit binary words, where x is the same as a maximum number of bits data required by every data character in a pre-determined data character map. The binary words are formed into a sequence of characters using a data character map. Special marker characters are inserted into the sequence. The special characters demarcate the sequence into sets of characters separated by one or more special marker characters. Line feed command characters are also inserted. The encoded information is transmitted to a client device that displays it as a rectangular array of characters bounded by the special marker characters.